



SEQUENCE LISTING

<110> Khosla, Chaitan
Kao, Camilla

<120> METHOD TO PREPARE MACROLIDE ANALOGS

<130> 300062-20005.09

<140> US 10/733,184
<141> 2003-12-10

<150> US 09/740,313
<151> 2000-12-18

<150> US 08/846,247
<151> 1997-04-30

<160> 24

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer rapAT2 (forward)

<400> 1
tttagatctg tgttcgtctt cccgggt

27

<210> 2
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer rapAT2 (reverse)

<400> 2
tttctgcagc cagtaccgct ggtgctggaa ggcgtta

36

<210> 3
<211> 36
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer rapKR2 (forward)

<400> 3
tttctcagg agggcacgga ccgggcgact gcgggt

36

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<212> DNA
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<220>
<223> Primer rapKR2 (reverse)

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<400> 4
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<210> 5
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<212> DNA
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<220>
<223> Primer rapDH/KR4 (forward)

<400> 5
ttctgcagag cgtggaccgg gcggct 26

<210> 6
<211> 30
<212> DNA
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<220>
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<400> 6
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<210> 7
<211> 30
<212> DNA
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<220>
<223> Primer rapDH/ER/KR1 (left half) (forward)

<400> 7
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<210> 8
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer rapDH/ER/KR1 (left half) (reverse)

<400> 8
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<210> 9
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer rapDH/ER/KR1 (right half) (forward)

<400> 9
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<210> 10
<211> 30
<212> DNA
<213> Artificial Sequence

<220>

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<223> Primer rapDH/ER/KR1 (right half) (reverse)

<400> 10
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<210> 11
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Junction sequence for PstI site

<400> 11
gagccccagc ggtactggct gcag 24

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Junction sequence for XbaI site

<400> 12
tctagagcgg tgcaggcggc cccg 24

<210> 13
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer (forward) for left flank

<400> 13
tttggatccg tttcgtctt cccaggtcag 30

<210> 14
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer (reverse) for left flank

<400> 14
tttctgcagc cagtaccgct ggggctcgaa 30

<210> 15
<211> 30
<212> DNA
<213> Artificial Sequence

<220>
<223> Primer (forward) for right flank

<400> 15
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<210> 16
<211> 29
<212> DNA
<213> Artificial Sequence

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<220>
<223> Primer (reverse) for right flank

<400> 16
aaaatgcata tatgaattcc ctccgcccc 29

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Resulting junction sequence for PstI site

<400> 17
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<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

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<223> Resulting junction sequence for XbaI site

<400> 18
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<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 19
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<210> 20
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Resulting engineered DEBS/rapAT2 junction

<400> 20
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<210> 21
<211> 47
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide linker designed to generate
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<400> 21
gcggggaccgc accaccctc gtgacggaga accggagacg gagagct 47

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<211> 55
<212> DNA
<213> Artificial Sequence

<220>
<223> Oligonucleotide linker designed to generate
XbaI-compatible ends upon hybridization

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<210> 23
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Sequence at the fusion

<400> 23
ctcactagtc ag 12

<210> 24
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Sequence at the fusion

<400> 24
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